

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 7, 2005, 07:07:07 ; Search time 120.873 Seconds
(without alignments)
1072.560 Million cell updates/sec

Title: US-09-939-537-29_COPY_1_394

Perfect score: 2029

Sequence: 1 MNRGVPRHLLVLQALLP.....SGQVLESNKVLPWTSTPV 394

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*

- 1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep.*
- 3: /cgn2_6/ptodata/1/pubppaa/US05_PUBCOMB.pep.*
- 4: /cgn2_6/ptodata/1/pubppaa/US04_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubppaa/US03_PUBCOMB.pep.*
- 6: /cgn2_6/ptodata/1/pubppaa/US02_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubppaa/US01_PUBCOMB.pep.*
- 8: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 13: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 18: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 19: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*
- 20: /cgn2_6/ptodata/1/pubppaa/US00_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2029	100.0	398	10	US-09-939-537-29
2	2029	100.0	462	11	US-09-939-537-5
3	2029	100.0	462	11	US-09-243-008-5
4	2029	100.0	532	10	US-09-939-537-6
5	2029	100.0	532	11	US-09-243-008-6
6	2029	100.0	575	11	US-09-939-537-4
7	2029	100.0	575	11	US-09-243-008-4
8	2029	100.0	457	11	US-09-891-119A-9
9	2029	99.6	402	14	US-10-157-408-1
10	2029	99.4	402	14	US-10-097-044A-1
11	2029	99.4	402	16	US-10-769-247-1
12	2029	99.3	458	14	US-10-103-597A-39
13	2029	99.3	458	14	US-10-188-444-39

14	2015	99.3	458	14	US-10-207-655-170	Sequence 170, App
15	2007	98.9	458	14	US-10-151-274-3	Sequence 3, Appl1
16	2001	98.6	397	11	US-09-891-119A-2	Sequence 2, Appl1
17	1997	98.4	458	8	US-08-681-219-27	Sequence 27, Appl1
18	1997	98.4	458	10	US-09-230-111C-25	Sequence 25, Appl1
19	1997	98.4	458	14	US-10-092-138-25	Sequence 25, Appl1
20	1904	93.8	434	14	US-10-157-408-4	Sequence 4, Appl1
21	1904	93.8	434	14	US-10-097-044A-4	Sequence 4, Appl1
22	1904	93.8	434	16	US-10-769-247-4	Sequence 4, Appl1
23	1891	93.2	370	9	US-09-759-841-6	Sequence 6, Appl1
24	1891	93.2	433	16	US-10-872-198-129	Sequence 129, App
25	1877.5	92.5	448	14	US-10-024-329-32	Sequence 32, Appl1
26	1050.5	51.8	310	8	US-08-485-163-7	Sequence 7, Appl1
27	1050.5	51.8	310	9	US-09-766-995-6	Sequence 6, Appl1
28	1046	51.6	530	8	US-08-485-163-5	Sequence 5, Appl1
29	1046	51.6	530	9	US-09-766-995-4	Sequence 4, Appl1
30	1045	51.5	432	8	US-08-485-163-3	Sequence 3, Appl1
31	1045	51.5	432	9	US-09-766-995-2	Sequence 2, Appl1
32	1041	51.3	203	10	US-09-939-537-31	Sequence 31, Appl1
33	993	48.9	612	14	US-10-125-692-10	Sequence 10, Appl1
34	921	45.4	788	14	US-10-073-118-26	Sequence 26, Appl1
35	919	45.3	580	9	US-09-934-060A-13	Sequence 13, Appl1
36	919	45.3	720	9	US-09-934-060A-2	Sequence 2, Appl1
37	919	45.3	720	9	US-09-934-060A-4	Sequence 4, Appl1
38	911	44.9	178	9	US-09-934-060A-26	Sequence 26, Appl1
39	881	43.4	184	14	US-10-024-329-33	Sequence 33, Appl1
40	494	24.3	94	11	US-09-891-119A-10	Sequence 10, Appl1
41	486	24.0	93	14	US-10-105-545-26	Sequence 26, Appl1
42	366	18.0	73	9	US-09-929-924-16	Sequence 16, Appl1
43	364	17.9	73	9	US-09-929-924-36	Sequence 36, Appl1
44	364	17.9	73	9	US-09-929-924-37	Sequence 37, Appl1
45	361	17.8	73	9	US-09-929-924-33	Sequence 33, Appl1

ALIGNMENTS

RESULT 1
US-09-939-537-29
Sequence 29, Application US/09939537
Publication NO. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
Banapour, Babak
Romeo, Charles
Kolanne, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-939-537-29

Query Match 100.0%; Score 2029; DB 10; Length 398;
Best Local Similarity 100.0%; Pred. No. 4,1e-146;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MNRGVPFRHLILVQLALLPAATQGNKRVLGKKGDTVELTCTASQKKSIOFHMKNNSQIK 60
DB 1 MNRGVPFRHLILVQLALLPAATQGNKRVLGKKGDTVELTCTASQKKSIOFHMKNNSQIK 60
QY 61 ILGNQGSFLTKGSPKLNDRADSRSLMDQGNPILINLKIEDSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTKGSPKLNDRADSRSLMDQGNPILINLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGILTANSDTHLLQGOSLTLTLESPPGSSPSVQCSPRGKNIOGKTLVSQLELDQDSG 180
DB 121 LVFGILTANSDTHLLQGOSLTLTLESPPGSSPSVQCSPRGKNIOGKTLVSQLELDQDSG 180
QY 181 TWTCTVLONOKKVEFKIDIVVLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
DB 181 TWTCTVLONOKKVEFKIDIVVLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
QY 241 QAERASSSKSWITFDLKNKEVSVRVTQDPKLOMGKKLPHLTLPOALPOYAGSGNLTLLA 300
DB 241 QAERASSSKSWITFDLKNKEVSVRVTQDPKLOMGKKLPHLTLPOALPOYAGSGNLTLLA 300
QY 301 LEATKGLHQEVNLVVMRATOLQKNLTCEYWGPTSPKMLSLKLENKEAVSKREKPVVW 360
DB 301 LEATKGLHQEVNLVVMRATOLQKNLTCEYWGPTSPKMLSLKLENKEAVSKREKPVVW 360
QY 361 LNPEAGMOCILSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCILSDSGOVLLESNIKVLPTWSTPV 394

RESULT 2
US-09-939-537-5
Sequence 5, Application US/09939537
Publication No. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
Banapour, Babak
Romeo, Charles
Kojanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-537-5

Query Match 100.0%; Score 2029; DB 10; Length 462;
Best Local Similarity 100.0%; Pred. No. 4,9e-146;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MNRGVPFRHLILVQLALLPAATQGNKRVLGKKGDTVELTCTASQKKSIOFHMKNNSQIK 60
DB 1 MNRGVPFRHLILVQLALLPAATQGNKRVLGKKGDTVELTCTASQKKSIOFHMKNNSQIK 60
QY 61 ILGNQGSFLTKGSPKLNDRADSRSLMDQGNPILINLKIEDSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTKGSPKLNDRADSRSLMDQGNPILINLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGILTANSDTHLLQGOSLTLTLESPPGSSPSVQCSPRGKNIOGKTLVSQLELDQDSG 180
DB 121 LVFGILTANSDTHLLQGOSLTLTLESPPGSSPSVQCSPRGKNIOGKTLVSQLELDQDSG 180
QY 181 TWTCTVLONOKKVEFKIDIVVLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
DB 181 TWTCTVLONOKKVEFKIDIVVLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
QY 241 QAERASSSKSWITFDLKNKEVSVRVTQDPKLOMGKKLPHLTLPOALPOYAGSGNLTLLA 300
DB 241 QAERASSSKSWITFDLKNKEVSVRVTQDPKLOMGKKLPHLTLPOALPOYAGSGNLTLLA 300
QY 301 LEATKGLHQEVNLVVMRATOLQKNLTCEYWGPTSPKMLSLKLENKEAVSKREKPVVW 360
DB 301 LEATKGLHQEVNLVVMRATOLQKNLTCEYWGPTSPKMLSLKLENKEAVSKREKPVVW 360
QY 361 LNPEAGMOCILSDSGOVLLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCILSDSGOVLLESNIKVLPTWSTPV 394

RESULT 3
US-09-243-008-5
Sequence 5, Application US/09243008
Publication No. US20040005334A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.

TITLE OF INVENTION: Redirection of Cellular Immunity by
Receptor Chimeras
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/243,008
FILING DATE: 02-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/394,176
FILING DATE: SEPTEMBER 11, 1995
APPLICATION NUMBER: 08/203,866
FILING DATE: February 28, 1994
APPLICATION NUMBER: 07/847,566
FILING DATE: March 6, 1992
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Karen P. Lech, Ph.D
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-243-008-5
Query Match 100.0%; Score 2029; DB 11; Length 462;
Best Local Similarity 100.0%; Pred. No. 4,9e-146;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKRGVPRHLILVLOALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
DB 1 MKRGVPRHLILVLOALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
QY 61 IIGNGSFLTKGSPKLNDRADSRSLMDQGNFPLIKNLIKEDSDTYICEVEDEQKEVOI 120
DB 61 IIGNGSFLTKGSPKLNDRADSRSLMDQGNFPLIKNLIKEDSDTYICEVEDEQKEVOI 120
QY 121 LVFGLTANSDBTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLTSSVSLQLEODSG 180
DB 121 LVFGLTANSDBTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLTSSVSLQLEODSG 180
QY 121 LVFGLTANSDBTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLTSSVSLQLEODSG 180
DB 121 LVFGLTANSDBTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLTSSVSLQLEODSG 180
QY 181 TWTCYVLOQOKKVEFKIDIVLAFQKASSIVYKKEGEQVFFSPPLAFYVEKILGSGELMW 240
DB 181 TWTCYVLOQOKKVEFKIDIVLAFQKASSIVYKKEGEQVFFSPPLAFYVEKILGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVYTOPDKLQMGKKLPLHLTLPQALPQYAGSGNLTLA 300
DB 241 QABRASSSKSWITFDLKNKEVSVKRVYTOPDKLQMGKKLPLHLTLPQALPQYAGSGNLTLA 300
QY 301 LEAKTKGLHQEVVLVYMRATQLOKNTLCEVWPTSPKMLSLKLNKEKAVSRERKPVWV 360
DB 301 LEAKTKGLHQEVVLVYMRATQLOKNTLCEVWPTSPKMLSLKLNKEKAVSRERKPVWV 360
QY 361 LNPBAGMOCILSDSGVLLSENIKVLPTWSTPV 394

DB 361 LNPBAGMOCILSDSGVLLSENIKVLPTWSTPV 394
RESULT 4
US-09-939-537-6
Sequence 6, Application US/09939537
Publication No. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
Banapour, Babak
Romeo, Charles
Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-939-537-6
Query Match 100.0%; Score 2029; DB 10; Length 532;
Best Local Similarity 100.0%; Pred. No. 5,9e-146;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKRGVPRHLILVLOALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
DB 1 MKRGVPRHLILVLOALIPATQGNKVVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
QY 61 IIGNGSFLTKGSPKLNDRADSRSLMDQGNFPLIKNLIKEDSDTYICEVEDEQKEVOI 120
DB 61 IIGNGSFLTKGSPKLNDRADSRSLMDQGNFPLIKNLIKEDSDTYICEVEDEQKEVOI 120
QY 121 LVFGLTANSDBTHLLOQOSLTLTLESPPGSSPSVQCSPPRGKNIQGGKTLTSSVSLQLEODSG 180

Thu Mar 10 07:09:04 2005

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Db 121 LVFGITANSDFHLLQGOSLITLESPPGSSPVQCRSPRGKNIQGGKTLISVSOLELDG 180
QY 181 TWTCVTLQONOKKVEFKIDIVLAFAOKASSIYKKEGQVEFSPFLATVETKLTSSGELMW 240
Db 181 TWTCVTLQONOKKVEFKIDIVLAFAOKASSIYKKEGQVEFSPFLATVETKLTSSGELMW 240
QY 241 QAEARSSSKSWITFDLKNKEVSVKRVTDPKLQMGKPLPLHLTLPOLPOYAGSGNLTLA 300
Db 241 QAEARSSSKSWITFDLKNKEVSVKRVTDPKLQMGKPLPLHLTLPOLPOYAGSGNLTLA 300
QY 301 LEAKTGKLEHVEVNLVYMRATOLQKMLTCEWGPSPKMLSLKLENKAKYSKREKPVWV 360
Db 301 LEAKTGKLEHVEVNLVYMRATOLQKMLTCEWGPSPKMLSLKLENKAKYSKREKPVWV 360
QY 361 LNPEAGMWOCCLSDSGQVLLSINIKVLPWTSTPV 394
Db 361 LNPEAGMWOCCLSDSGQVLLSINIKVLPWTSTPV 394

RESULT 5
US-09-243-008-6
; Sequence 6, Application US/09243008
; Publication No. US20040005334A1

GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor Chimeras

NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA

COUNTRY: USA
ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/243,008
FILING DATE: 02-Feb-1999

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/394,176
FILING DATE: SEPTEMBER 11, 1995

APPLICATION NUMBER: 08/203,866
FILING DATE: February 28, 1994

APPLICATION NUMBER: 07/847,566
FILING DATE: March 6, 1992

APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991

ATTORNEY/AGENT INFORMATION:
NAME: Karen F. Lech, Ph.D.
REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-243-008-6

Query Match 100.0%; Score 2029; DB 11; Length 532;
Best Local Similarity 100.0%; Pred. No. 5,9e-146;
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFPHLLLVLTQALLPAPATQGNKVVLGKKGDVLELTCTASQKSIQFHKNSNQIK 60
Db 1 MNRGVFPHLLLVLTQALLPAPATQGNKVVLGKKGDVLELTCTASQKSIQFHKNSNQIK 60
QY 61 ILGNQSLTGTGPKLMDRADSRRLMDQGNFPLIINKLIEDSDTYICEVEQKEVOL 120
Db 61 ILGNQSLTGTGPKLMDRADSRRLMDQGNFPLIINKLIEDSDTYICEVEQKEVOL 120
QY 121 LVFGITANSDFHLLQGOSLITLESPPGSSPVQCRSPRGKNIQGGKTLISVSOLELDG 180
Db 121 LVFGITANSDFHLLQGOSLITLESPPGSSPVQCRSPRGKNIQGGKTLISVSOLELDG 180
QY 181 TWTCVTLQONOKKVEFKIDIVLAFAOKASSIYKKEGQVEFSPFLATVETKLTSSGELMW 240
Db 181 TWTCVTLQONOKKVEFKIDIVLAFAOKASSIYKKEGQVEFSPFLATVETKLTSSGELMW 240
QY 241 QAEARSSSKSWITFDLKNKEVSVKRVTDPKLQMGKPLPLHLTLPOLPOYAGSGNLTLA 300
Db 241 QAEARSSSKSWITFDLKNKEVSVKRVTDPKLQMGKPLPLHLTLPOLPOYAGSGNLTLA 300
QY 301 LEAKTGKLEHVEVNLVYMRATOLQKMLTCEWGPSPKMLSLKLENKAKYSKREKPVWV 360
Db 301 LEAKTGKLEHVEVNLVYMRATOLQKMLTCEWGPSPKMLSLKLENKAKYSKREKPVWV 360
QY 361 LNPEAGMWOCCLSDSGQVLLSINIKVLPWTSTPV 394
Db 361 LNPEAGMWOCCLSDSGQVLLSINIKVLPWTSTPV 394

RESULT 6
US-09-939-537-4
; Sequence 4, Application US/09939537
; Publication No. US20030138410A1

GENERAL INFORMATION:
APPLICANT: Seed, Brian
Banapour, Babak
Romeo, Charles

Kolanne, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR - BEARING CELLS

NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Clark & Eibling LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA

COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FastSRO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391

FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Eibling, Karen L.
REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX: <Unknown>
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 575 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-939-537-4

Query Match 100.0%; Score 2029; DB 10; Length 575;
 Best Local Similarity 100.0%; Pred. No. 6.5e-146;
 Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLVLVQLALPAATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
 DB 1 MNRGVPFRHLVLVQLALPAATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
 QY 61 IIGNQSFLTKGPSKLNDRADSRSLMDQNFPLIKNKIBSDTYICEVEDQKEEYOL 120
 DB 61 IIGNQSFLTKGPSKLNDRADSRSLMDQNFPLIKNKIBSDTYICEVEDQKEEYOL 120
 QY 121 LVFGLTANSDTHLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSVSQLBLQDSG 180
 DB 121 LVFGLTANSDTHLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSVSQLBLQDSG 180
 QY 181 TWTCYVLQKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
 DB 181 TWTCYVLQKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
 QY 241 QABRASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOLAPQYAGSGNLTLA 300
 DB 241 QABRASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOLAPQYAGSGNLTLA 300
 QY 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVY 360
 DB 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVY 360
 QY 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394
 DB 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394

RESULT 7

US-09-243-008-4
 Sequence 4, Application US/09243008
 Publication No. US20040005334A1

GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.
 TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor Chimeras

NUMBER OF SEQUENCES: 40
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.
 STREET: 225 Franklin Street

CITY: Boston
 STATE: MA

COUNTRY: USA
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)

SOFTWARE: Wordperfect (Version 5.0)
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/243,008
 FILING DATE: 02-Feb-1999

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/394,176

FILING DATE: SEPTEMBER 11, 1995
 APPLICATION NUMBER: 08/203,866

FILING DATE: February 28, 1994

APPLICATION NUMBER: 07/847,566
 FILING DATE: March 6, 1992
 APPLICATION NUMBER: 07/665,961
 FILING DATE: March 7, 1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Karen F. Lech, Ph.D.
 REGISTRATION NUMBER: 35,238
 REFERENCE/DOCKET NUMBER: 00786/270001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 575 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-243-008-4

Query Match 100.0%; Score 2029; DB 11; Length 575;
 Best Local Similarity 100.0%; Pred. No. 6.5e-146;
 Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLVLVQLALPAATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
 DB 1 MNRGVPFRHLVLVQLALPAATQGNKVVLGKKGDTVELTCTASQKSIQFHKNSNQIK 60
 QY 61 IIGNQSFLTKGPSKLNDRADSRSLMDQNFPLIKNKIBSDTYICEVEDQKEEYOL 120
 DB 61 IIGNQSFLTKGPSKLNDRADSRSLMDQNFPLIKNKIBSDTYICEVEDQKEEYOL 120
 QY 121 LVFGLTANSDTHLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSVSQLBLQDSG 180
 DB 121 LVFGLTANSDTHLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSVSQLBLQDSG 180
 QY 181 TWTCYVLQKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
 DB 181 TWTCYVLQKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
 QY 241 QABRASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOLAPQYAGSGNLTLA 300
 DB 241 QABRASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOLAPQYAGSGNLTLA 300
 QY 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVY 360
 DB 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVY 360
 QY 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394
 DB 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394

RESULT 8

US-09-891-119A-9
 Sequence 9, Application US/09891119A
 Publication No. US20040013683A1

GENERAL INFORMATION:

APPLICANT: Madden, Paul J.
 TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4

FILE REFERENCE: 24577-CY-B
 CURRENT APPLICATION NUMBER: US/09/891,119A

CURRENT FILING DATE: 2001-06-25
 NUMBER OF SEQ ID NOS: 22

SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 9

LENGTH: 457
 TYPE: PRT

ORGANISM: human
 US-09-891-119A-9

Query Match 99.6%; Score 2021; DB 11; Length 457;

Thu Mar 10 07:09:04 2005

us-09-939-537-29_copy_1_394.rapb

Page 6

Best Local Similarity 99.7%; Pred. No. 2e-145; Indels 0; Gaps 0;
Matches 393; Conservative 0; Mismatches 1;

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QY 1 MNRGVPFRHLLVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
Db 1 MNRGVPFRHLLVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
QY 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIIKNLKI ESDTYICEVEDQKEEYQL 120
Db 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIIKNLKI ESDTYICEVEDQKEEYQL 120
QY 121 LVFGLTANS DTHLQGS LTLTLESPPGSSPSVQCS PRGKNIQGGKTLVSQLELQDSG 180
Db 121 LVFGLTANS DTHLQGS LTLTLESPPGSSPSVQCS PRGKNIQGGKTLVSQLELQDSG 180
QY 181 TWCTVLO NQKVEFKIDIVLAFQKASSIYKKEGQVEFSPLAFVTEKLTGSGELMW 240
Db 181 TWCTVLO NQKVEFKIDIVLAFQKASSIYKKEGQVEFSPLAFVTEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLA 300
Db 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLA 300
QY 301 LEAKTGK LHOEVNLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
Db 301 LEAKTGK LHOEVNLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 394
Db 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 394
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RESULT 9
US-10-157-408-1
Sequence 1, Application US/10157408
Publication No. US20030104535A1

GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
Gregory, Timothy J.

TITLE OF INVENTION: Adhesion Variants
NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd

CITY: South San Francisco
STATE: California
COUNTRY: USA

ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/157,408
FILING DATE: 28-May-2002

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/457,918

FILING DATE: 1-JUN-1995
APPLICATION NUMBER: 08/236311
FILING DATE: 02-MAY-1994

APPLICATION NUMBER: 07/936190
FILING DATE: 26-AUG-1992
APPLICATION NUMBER: 07/842777

FILING DATE: 18-FEB-1992
APPLICATION NUMBER: 07/250785
FILING DATE: 28-SEP-1988

APPLICATION NUMBER: 07/104329
FILING DATE: 02-OCT-1987
ATTORNEY/AGENT INFORMATION:

NAME: Kubinec, Jeffrey S.
REGISTRATION NUMBER: 36,575

REFERENCE/DOCKET NUMBER: P0444P1C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-8228
TELEFAX: 415/952-9881

TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

LENGTH: 402 amino acids
TYPE: amino acid
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-157-408-1

Query Match 99.4%; Score 2017; DB 14; Length 402;
Best Local Similarity 99.7%; Pred. No. 3.4e-145;

Matches 392; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNRGVPFRHLLVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
Db 1 MNRGVPFRHLLVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
QY 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIIKNLKI ESDTYICEVEDQKEEYQL 120
Db 61 ILGNQGSFLTKGPKSKLNDRADSRSLMDQGNFPLIIKNLKI ESDTYICEVEDQKEEYQL 120
QY 121 LVFGLTANS DTHLQGS LTLTLESPPGSSPSVQCS PRGKNIQGGKTLVSQLELQDSG 180
Db 121 LVFGLTANS DTHLQGS LTLTLESPPGSSPSVQCS PRGKNIQGGKTLVSQLELQDSG 180
QY 181 TWCTVLO NQKVEFKIDIVLAFQKASSIYKKEGQVEFSPLAFVTEKLTGSGELMW 240
Db 181 TWCTVLO NQKVEFKIDIVLAFQKASSIYKKEGQVEFSPLAFVTEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLA 300
Db 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLA 300
QY 301 LEAKTGK LHOEVNLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
Db 301 LEAKTGK LHOEVNLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 393
Db 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 393
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RESULT 10
US-10-097-044A-1
Sequence 1, Application US/10097044A
Publication No. US20030143220A1

GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
Gregory, Timothy J.

TITLE OF INVENTION: Adhesion Variants
NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESSES:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd

CITY: South San Francisco
STATE: California
COUNTRY: USA

ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/097,044A
FILING DATE: 28-May-2002

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/457,918

FILING DATE: 1-JUN-1995
 APPLICATION NUMBER: 08/236311
 FILING DATE: 02-MAY-1994
 APPLICATION NUMBER: 07/936190
 FILING DATE: 26-AUG-1992
 APPLICATION NUMBER: 07/842777
 FILING DATE: 18-FEB-1992
 APPLICATION NUMBER: 07/250785
 FILING DATE: 28-SEP-1988
 APPLICATION NUMBER: 07/104329
 FILING DATE: 02-OCT-1987
 ATTORNEY/AGENT INFORMATION:
 NAME: Kubinec, Jeffrey S.
 REGISTRATION NUMBER: 36,575
 REFERENCE/DOCKET NUMBER: P0444P1C3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-8228
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 402 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-10-097-044A-1

Query Match 99.4%; Score 2017; DB 14; Length 402;
 Best Local Similarity 99.7%; Pred. No. 3,4e-145;
 Matches 392; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
 DB 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
 QY 61 ILGNQSPFLTKGSPKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120
 DB 61 ILGNQSPFLTKGSPKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120
 QY 121 LVFGLTRANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLELDG 180
 DB 121 LVFGLTRANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLELDG 180
 QY 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEVFPFLFTVEKLTGSGELMW 240
 DB 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEVFPFLFTVEKLTGSGELMW 240
 QY 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALPYAGSGNLTLLA 300
 DB 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALPYAGSGNLTLLA 300
 QY 301 LEAKTGKLEHVEVLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVWY 360
 DB 301 LEAKTGKLEHVEVLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVWY 360
 QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 393
 DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 393

RESULT 11
 US-10-769-247-1
 Sequence 1, Application US/10769247
 Publication No. US20040197809A1
 GENERAL INFORMATION:
 APPLICANT: Capon, Daniel J.
 Gregory, Timothy J.
 TITLE OF INVENTION: Adhesion Variants
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco

STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: patin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/769,247
 FILING DATE: 30-Jan-2004
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/457,918
 FILING DATE: 1-JUN-1995
 APPLICATION NUMBER: 08/236311
 FILING DATE: 02-MAY-1994
 APPLICATION NUMBER: 07/936190
 FILING DATE: 26-AUG-1992
 APPLICATION NUMBER: 07/842777
 FILING DATE: 18-FEB-1992
 APPLICATION NUMBER: 07/250785
 FILING DATE: 28-SEP-1988
 APPLICATION NUMBER: 07/104329
 FILING DATE: 02-OCT-1987
 ATTORNEY/AGENT INFORMATION:
 NAME: Kubinec, Jeffrey S.
 REGISTRATION NUMBER: 36,575
 REFERENCE/DOCKET NUMBER: P0444P1C3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-8228
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 402 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-10-769-247-1

Query Match 99.4%; Score 2017; DB 16; Length 402;
 Best Local Similarity 99.7%; Pred. No. 3,4e-145;
 Matches 392; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
 DB 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNSNQIK 60
 QY 61 ILGNQSPFLTKGSPKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120
 DB 61 ILGNQSPFLTKGSPKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120
 QY 121 LVFGLTRANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLELDG 180
 DB 121 LVFGLTRANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIQGGKTLVSQLELDG 180
 QY 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEVFPFLFTVEKLTGSGELMW 240
 DB 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEVFPFLFTVEKLTGSGELMW 240
 QY 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALPYAGSGNLTLLA 300
 DB 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALPYAGSGNLTLLA 300
 QY 301 LEAKTGKLEHVEVLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVWY 360
 DB 301 LEAKTGKLEHVEVLVVMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVWY 360
 QY 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 393
 DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTP 393

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RESULT 12
US-10-103-597A-39
; Sequence 39, Application US/10103597A
; Publication No. US2003096432A1
; GENERAL INFORMATION:
; APPLICANT: Jakobsen, Bent Karsten
; TITLE OF INVENTION: Screening Methods
; FILE REFERENCE: 102286.142
; CURRENT APPLICATION NUMBER: US/10/103.597A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: PCT/GB00/03579
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: GB 9922352.1
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-103-597A-39

Query Match          99.3%; Score 2015; DB 14; Length 458;
Best Local Similarity 99.5%; Pred. No. 5.7e-145;
Matches 392; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLILVLOALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNOIK 60
DB 1 MNRGVPFRHLILVLOALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNOIK 60
QY 61 ILGNQGSFLTGPSPKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTGPSPKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
DB 121 LVFGLTANSPTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
QY 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
DB 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
QY 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLOMGKKLPLHLTPQALPOYAGSGLTLTA 300
DB 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLOMGKKLPLHLTPQALPOYAGSGLTLTA 300
QY 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
DB 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
QY 361 LNPEAGMOCCLISDSGOVLLESNIVLPTWSTPV 394
DB 361 LNPEAGMOCCLISDSGOVLLESNIVLPTWSTPV 394

RESULT 13
US-10-188-444-39
; Sequence 39, Application US/10188444
; Publication No. US20030104635A1
; GENERAL INFORMATION:
; APPLICANT: Jakobsen, Bent Karsten
; TITLE OF INVENTION: Screening Methods
; FILE REFERENCE: 102286.142 (CIP)
; CURRENT APPLICATION NUMBER: US/10/188.444
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: PCT/GB00/03579
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: GB 9922352.1
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
```

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LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-188-444-39

Query Match          99.3%; Score 2015; DB 14; Length 458;
Best Local Similarity 99.5%; Pred. No. 5.7e-145;
Matches 392; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLILVLOALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNOIK 60
DB 1 MNRGVPFRHLILVLOALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNOIK 60
QY 61 ILGNQGSFLTGPSPKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTGPSPKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
DB 121 LVFGLTANSPTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
QY 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
DB 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
QY 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLOMGKKLPLHLTPQALPOYAGSGLTLTA 300
DB 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLOMGKKLPLHLTPQALPOYAGSGLTLTA 300
QY 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
DB 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
QY 361 LNPEAGMOCCLISDSGOVLLESNIVLPTWSTPV 394
DB 361 LNPEAGMOCCLISDSGOVLLESNIVLPTWSTPV 394

RESULT 14
US-10-207-655-170
; Sequence 170, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207.655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 170
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-170

Query Match          99.3%; Score 2015; DB 14; Length 458;
Best Local Similarity 99.5%; Pred. No. 5.7e-145;
Matches 392; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLILVLOALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNOIK 60
DB 1 MNRGVPFRHLILVLOALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNOIK 60
QY 61 ILGNQGSFLTGPSPKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVOL 120
DB 61 ILGNQGSFLTGPSPKLNDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
DB 121 LVFGLTANSPTHLLQGOSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
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Search completed: March 7, 2005, 07:28:10
Job time : 121.873 secs

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Qy 181 TWCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
Db 181 TWCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
Qy 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTIA 300
Db 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTIA 300
Qy 301 LEAKTGKLEHQBENLVVWRATOLQKNLTCBWMGPTSPKMLSLKLENKEAKVSRKRPVWV 360
Db 301 LEAKTGKLEHQBENLVVWRATOLQKNLTCBWMGPTSPKMLSLKLENKEAKVSRKRPVWV 360
Qy 361 INPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394
Db 361 INPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394

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RESULT 15
US-10-151-274-3
; Sequence 3, Application US/10151274
; Publication No. US20030064071A1
; GENERAL INFORMATION:
; APPLICANT: Liltman, Dan R.
; APPLICANT: Kwon, Douglas S.
; APPLICANT: van Kooyk, Yvette
; APPLICANT: Geiltenbeck, Theo
; TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY
; TITLE OF INVENTION: INTO
; FILE OF INVENTION: CELLS
; FILE REFERENCE: 1049-1-017
; CURRENT APPLICATION NUMBER: US/10/151,274
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/517,605
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-274-3

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Query Match 98.9%; Score 2007; DB 14; Length 458;
Best Local Similarity 99.2%; Pred. No. 2,3e-144;
Matches 391; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 1 MNRGVPFRHLILVLOLALIPATQANKVVLGKKGDTVELTCTASQKKSIOFHWKNSNOIK 60
Db 1 MNRGVPFRHLILVLOLALIPATQANKVVLGKKGDTVELTCTASQKKSIOFHWKNSNOIK 60
Qy 61 ILGNQGSPLTKPSKLNDRADSRSLMDQGNPLIINKIKIEDSDTYICEVEDQKEEYOL 120
Db 61 ILGNQGSPLTKPSKLNDRADSRSLMDQGNPLIINKIKIEDSDTYICEVEDQKEEYOL 120
Qy 121 LVFGTLANSDDLHLOQOSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
Db 121 LVFGTLANSDDLHLOQOSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
Qy 181 TWCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
Db 181 TWCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
Qy 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTIA 300
Db 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTIA 300
Qy 301 LEAKTGKLEHQBENLVVWRATOLQKNLTCBWMGPTSPKMLSLKLENKEAKVSRKRPVWV 360
Db 301 LEAKTGKLEHQBENLVVWRATOLQKNLTCBWMGPTSPKMLSLKLENKEAKVSRKRPVWV 360
Qy 361 INPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394
Db 361 INPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394

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